the PULSE
BOSTON, MASS. FEBRUARY, 1961
NEW ENGLAND DEACONESS HOSPITAL

RECORD 3825 YEARS OF HOSPITAL SERVICE TO BE HONORED AT AWARD DINNER MARCH 1

NEW BEAUTY SHOP — Mrs. Emily Grady, cosmetologist, at work in new Friends of the Deaconess beauty shop on Baker Roof.

FRIENDS OPEN NEW BEAUTY SHOP

Friends of the Deaconess have undertaken another enterprise which will be of great financial benefit to the hospital. The hospital Beauty Shop, located on Baker Roof, is now managed by the Friends under the co-chairmanship of Mrs. Edgar C. Lane, Jr., and Mrs. Eugene H. Mather.

Formerly managed by a Boston beauty shop, the Deaconess "salon de coiffure" has moved into beautifully decorated larger quarters on Baker Roof. All equipment used to refresh or beautify present-day Cinderellas is modern and streamlined.

Mrs. Emily Grady, at the Deaconess for six years, and Ellen Lehtola, new to the Beauty Shop, are the two cosmetologists. ("Cosmetologist" is the proper term, please — not "beautician"!) Both the shop and the cosmetologists are fully certified and licensed by the state.

While chiefly for the benefit of patients before the shop was expanded, the addition of new equipment and a second cosmetologist has enabled the shop to serve others as well. Manicuring and all phases of hair-dressing are available. Bedside service to patients will continue.

Beauty Shop appointments can be made from 9:00 a.m. to 4:30 p.m. Monday through Saturday by calling hospital extension 339. And if you haven't yet seen the dazzling new decor, Mrs. Grady invites all to come up to Baker Roof and see her "Pink Heaven".

Deaconess Hospital employees with service totaling 3825 years — a new record high — will be honored and entertained at the annual Service Awards Dinner to be held on March 1 at the 1200 Beacon Street Hotel.

The total last year for employees with five or more years of employment at the hospital was 3672 years.

Service pins will be presented to 72 employees who have served the Deaconess for 5, 10, 15, 20, 25, 30 and 40 years. Total service of those achieving the five-year anniversary dates this year is 795 years.

Howard W. Lewis of engineering and Ruth A. Sherman of radium reached the 40-year mark.

Musical entertainment and variety acts will be presented and award winners will be introduced by Miss Ellen Adams, director of personnel. R. D. Lowry, executive director, will present the awards.

SERVICE AWARDS
March 1, 1961

40 YEARS

Howard W. Lewis	Engineering
Ruth A. Sherman	Radium

30 YEARS

Russell F. Cowing	Cancer Research Institute
Catherine F. Grady	Dietary
Jessie A. Kennedy	Administrative Services

25 YEARS

Kathryn H. Haley	Cancer Research Institute
Marion E. Haskell	Admitting
Louise H. Walker	Dietary
Evelyn M. Wilson	Medical Records

(*Continued on Page 3*)

PARKING LOT GATES HAVE STORM PROBLEM

CAUTION PLEASE!

The new parking lot gates have been performing a disappearing act during the heavy snowstorms.

Automobiles have been accidentally crashing through them because of the snow and ice, giving our carpenters a repair project.

IBM MACHINES SPEED RECORDS, ACCOUNTING

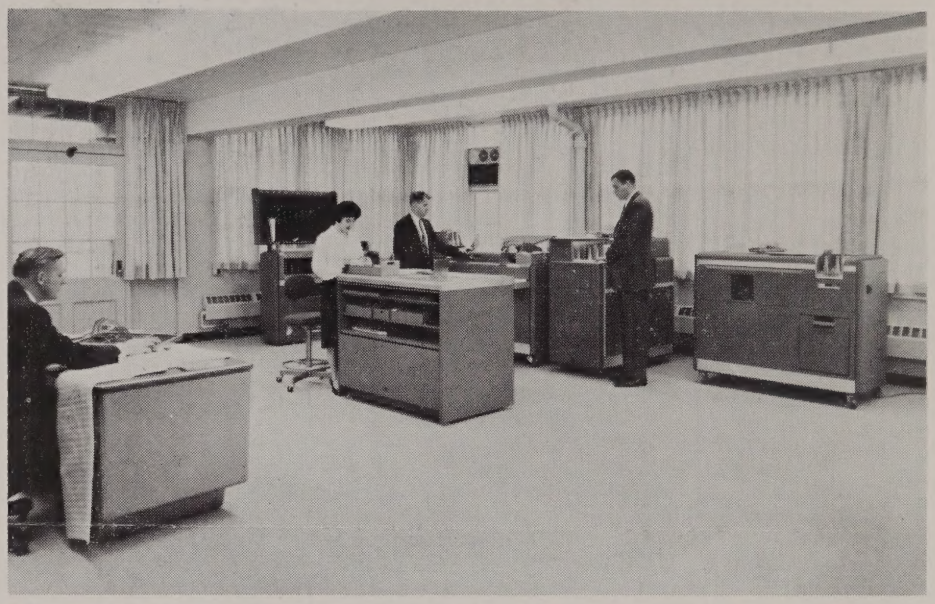
The Deaconess Hospital has joined seven other Boston hospitals in the utilization of IBM machines for accounting, medical records, research and purchasing information.

The IBM approach to hospital accounting postulates that any hospital accounting system is exactly that — a system. Facts, once entered into the system are used time and time again, appearing in different order and summarizations on many kinds of reports.

Today, hospitals are encountering more and more pressure for facts and figures about internal operations. With rising payrolls and supply costs, the administrator and comptroller must know more, in greater detail, than ever before about internal operations. Governments and third parties are demanding more information from the hospital accounting department.

Finally, the public in general is increasing its demands for more financial information about hospitals. Perhaps most important in the future will be the public relations ability to explain costs to the public, as well as presenting each patient with a neat, well-documented bill.

Under these conditions, the IBM card provides hospital administration with the answer to the availability of more financial information, while holding down the administrative cost needed to gain this information. Facts, once entered on IBM cards can be arranged and rearranged at speeds up to 450 facts a minute. They can then be automatically calculated and printed at the speed of 12 rapid typists.



IBM ROOM — Vital and efficient record-keeping and accounting are achieved in this new installation on Deaconess Roof.

Thus, it is the ability to take one manual entry of information and, by machine, create many accounting and management reports that the IBM approach offers the Deaconess Hospital.

Currently, Richard Lee, Comptroller, and Dean Annis, IBM supervisor, assisted by Albert Smith, Associate IBM Supervisor and Bertina Terkelson of the Business Office, have put the control of the hospital's inventory of general stock items and the distribution of income onto the IBM machines. In the near future, all vendors selling items to the hospital will be paid by IBM checks, as will Deaconess employees.

The room housing the new IBM equipment is located on the Deaconess roof. The room is modern and air-conditioned, since the delicate machines require constant even temperature control. Along with Mr. Annis and Mr. Smith, two key-punch operators, Jeannette Byda and Carol Campbell, are busy transferring information to IBM cards in the IBM room.

Ultimately the entire accounting system at the New England Deaconess Hospital will flow through IBM machines.

NEW ENGLAND DEACONESS HOSPITAL BOWLING LEAGUE

JANUARY 19 — SESSION 17

DIVISION STANDINGS

Division A — 533 Pts.

Team	TPF Including Handicap	Pts.
3 — W. Emery	24910	105
5 — C. Schraub	25043	104
1 — C. Fisher	24881	94
4 — D.S abine	24551	77
2 — R. D. Lowry	23917	64
6 — J. Buckley	23789	49
7 — F. McCarthy	20766	40

High Singles for the Year

R. Hart	138
P. Tinkham	114

High 3-string for the Year

P. Arrigo	358
C. Lowry	292

High Average for the Year

R. Hart	105
V. Derlugian	89

Division B — 419 Pts.

Team	TPF Including Handicap	Pts.
11 — W. Sprague	24213	88
9 — C. Spalding	24202	78
10 — M. Nelson	24040	63
14 — J. Healy	23939	57
13 — D. Carmichael	23425	46
12 — J. Mazza	22468	44
8 — E. Murphy	22061	43

High Singles for the Year

B. Hill	126
S. Meek	112

High 3-string for the Year

G. Makrokanis	320
S. Meek	294

High Average for the Year

R. Dumond	95
F. Course	90

GRANT OF $23,796 AWARDED TO DR. HICKS

The United Cerebral Palsy Associations of Massachusetts, Inc., presented a check for $23,796 to the New England Deaconess Hospital at ceremonies in the Cancer Research Institute on Thursday, January 27.

The grant will support a project directed by Dr. Samuel P. Hicks, pathologist. Dr. Hicks is also associate clinical professor of pathology at the Harvard Medical School. His grant will extend through December, 1964.

R. D. Lowry accepted in behalf of the hospital. Representing the cerebral palsy associations was Richard A. Leahy, president.

the PULSE

FEBRUARY, 1961

NEW ENGLAND DEACONESS HOSPITAL, BOSTON 15, MASSACHUSETTS

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Weddings

Marilyn Daley, staff nurse, to Lester D. Boyden, in December.

Jessie B. Smith, former staff nurse, to Lt. Roger Edwards, U.S.A.F., in December.

Suzanne Lekberg, staff nurse, to Carl Ollivier, in December.

Gratitude!

Dear Mr. Lowry:

Between November 15 and 24, 1960, I was a patient at your hospital. I will never forget the good care, sympathy, and congeniality of everyone that I came in contact with, especially the nurses and doctors.

Outstanding in my memory will be the expert, specialty care of the nurses in the Special Care Unit.

Thank you and may your good work continue.

EDGAR J. FLEURY, M.D.

Engagements

Clayton Cowing, CRI, to Lynne Roy of Hatboro, Pennsylvnania.

Constance Lango, staff nurse, to Michael Fedeli.

Sandra Flanders, staff nurse, to Clarence Bourassa.

Janet DeLong, staff nurse, to David Hall of Detroit, Michigan.

Roberta Johnson, class of 1961, to Robert Eisenhaur of Saugus.

Joyce Norton, class of 1959, to John M. Ladd of Melrose.

Nancy Morris, class of 1958, to Richard Olson of Nyack, New York.

Doris Mietzner, medical technician, to Harry Giberson of Everett.

Ruth Jordan, class of 1956, to Alan Truesdale of Wakefield.

Jane MacDonald, bacteriology, to Douglas J. Hawes of South Dartmouth.

Virginia Knowlton, class of 1960, to Robert C. King of Belmont.

HERE . . . AND THERE

Now is the time to plan for the evening of May 12 when the Friends of the Deaconess will again sponsor their annual Night at the Pops.

Miss D. Margaret Cutcliffe, associate matron of St. George's Hospital in London, spent two days recently visiting the hospital nursing staff and department heads to learn about American hospitals.

The Thrift Shop is featuring sales in winter clothing, with outstanding bargains before the Spring merchandise goes on sale.

Mrs. Olive Nelson Lorbeer, former director of nursing, visited the hospital recently. She is the sister of Credit Manager Milton Nelson and is now living in Claremont, Calif., with her husband, a Congregational missionary.

Dr. Ralph W. Snyder, a resident at the Deaconess from October, 1956, to June, 1958, joined the pathology department on February 1.

Deaconess representatives on various speaking platforms recently included Miss Effie May Winger, chief dietitian, who spoke at the University of Massachusetts, and R. D. Lowry, executive director, who addressed the Institute on Labor Relations, American Hospital Association, at the Hotel Somerset and the Massachusetts Hospital Personnel Directors Association at Harris Hall.

Awards Dinner

(*Continued from Page* 1)

20 YEARS

Virginia Diggdon	Nursing
Madelyn E. Lendall	Dental

15 YEARS

Muriel L. Bayne	Nursing
Muriel J. Emmons	Pathology
Helen T. Kenneally	Clinical Pathology
Mildred F. Munn	Nursing
Charles K. Spalding	Cancer Research Institute
Ada Tompkins	Laundry
Hazel H. Williams	Blood Bank
Effie M. Winger	Dietary

10 YEARS

Lucille Allen	Central Supply
Mary J. Bailey	Housekeeping
Rita M. Brennan	Dietary
Grace V. Burke	X-Ray
Rosanna N. Chute	Cancer Research Institute
Bradley E. Copeland, M.D.	Pathology
Alex Goldsmith	Dietary
Doris H. Longmire	Nursing
Janet Murch	Nursing
Helen F. Murphy	Housekeeping
Mary W. Murray	Pathology
Milton B. Nelson	Credit
A. Ethel Nickerson	School of Nursing
Elmer A. Pedersen	Cancer Research Institute
Addell Reed	Dietary
Gertrude M. Reed	Dietary
Catherine L. Ruane	Dietary
Edna H. Tompkins, M.D.	Cancer Research Institute
Ruth M. Vincent	Medical Records
Frederick L. Washington	Dietary

5 YEARS

Dorothy Abbott	Credit
James F. Barry	Housekeeping
Leon A. Blanchard, Jr.	Cancer Research Institute
Ella M. Boyd	Housekeeping
Rose H. Brooks	Medical Records
William J. Brown	Clinical Pathology
Jean E. Buckley	Medical Records
Marion R. Carbonneau	Accounting
Marie A. Coy	Cancer Research Institute
Constance D'Amato	Cancer Research Institute
Hilda Ewing	Nursing
Edward Fullerton	Housekeeping
Frederick R. Gadman	Purchasing
Vaulda L. Gayle	Dietary
Catherine Geyer	Housekeeping
John F. Grayken	Housekeeping
Grace B. Hollstein	X-Ray
Mary F. Hourihan	Administrative Services
Fern E. Jewett	School of Nursing
Catherine M. Kuhn	Dietary
Andrew J. MacKinnon	Administrative Services
Rose L. Martin	Medical Records
Margaret M. McCarthy	Dietary
Ilse D. Mertens	Clinical Pathology
Joan C. Miller	Solution Room
Emma A. Neenan	Nursing
Mary E. Norris	Laundry
Anna L. Patten	Nursing
Francis Roga	Pharmacy
Anastasia Schumilina	Dietary
E. Louise Seymour	Medical Records
Harriet F. Sherburne	Out-Patient
John J. Wylegala	Housekeeping

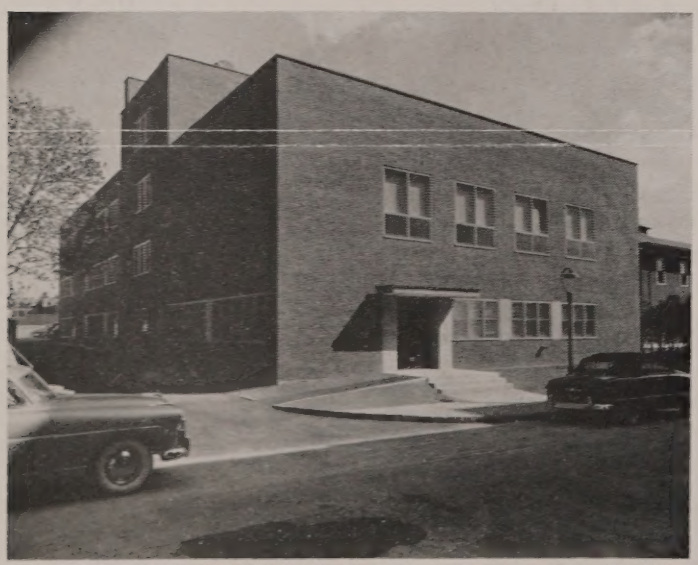
CANCER RESEARCH INSTITUTE

The dedication of the Cancer Research Institute on June 5, 1951, seemed the fulfillment of a dream. For about twenty-five years research in cancer and in radiation had been carried out in the Hospital. At first, the financial depression made it impossible for full-time or wide-scale research to be done. In the years following the depression, more money became available so that before CRI became a reality research projects were being carried out in Palmer, Baker, at Harvard Medical School, and even in such an unlikely spot as Kent Street barn. The many facets and unknowns of cancer and radiation demanded that the various research workers be brought together under one roof so that the interchange of ideas and experiences could be better.

It may seem strange to combine research in radiation with research in cancer, but the two go hand in hand. The scientific discoveries that began about the turn of the century gave us x-rays and radium. These were used increasingly in the treatment of cancer. In the early years about all that was known about the use of radiation was its ability to cure certain types of cancer and to control or slow down the growth of some other types. The doctors and technicians pioneering in the use of radiation were then to discover that this friendly tool could also be a foe; it could burn tissues so severely that complete healing sometimes never took place; it could cause cancer as well as cure it. In more recent years, and with the use of radio-active isotopes, we now find that doses of radiation can cause various body disturbances, some minor, some serious. But, the good to be derived from use of radiation is so vital that we must increase our knowledge of how to avoid or to counteract the damage it causes.

Such a complex and enigmatic problem brings strange bed-fellows to CRI — pathologists, hematologists, biochemists, biologists, veterinarians, physicists — each contributing his part in solving the mysteries of what minute changes may be found within the body which may relate to the presence of cancer, its cause, or its cure, and in understanding the many changes caused by radiation and how to prevent or counteract the undesirable changes.

Along with increased knowledge about the nature and use of radiation came the development of a new technical field—that of electronics. This has enabled engineers and technicians to develop complex machines which allow us to detect and measure the nature, amount and intensity of radiation with an accuracy and ease heretofore impossible. There are also many machines which perform chemical, physiological and physical tests of both normal and abnormal chemicals of the human body which often could not be demonstrated by the manual methods previously developed. The operation, maintenance and adaptation of these machines are expedited by the personnel of our Machine Shop. The names of some of these machines give an idea as to their complexities: spectrophotometer, x-ray diffraction unit, color-translating ultra-violet microscope, well counter, scintillation counter, decade Geiger counter, Victoreen multi channel analyzer.



CANCER RESEARCH INSTITUTE — Carried out in this building is a program of cancer research, the control of cancer and atomic research.

The heroes of the Institute are in our animal colony. These mice, rats, rabbits and hamsters give us evidence of the effectiveness of the application of various types of treatment of cancer, evidences of causations of cancer, the impact of treatment of cancer by radiation, and methods to counteract the adverse effects of radiation. The importance of the contribution of these animals to our goal is so great that strictest controls are taken for cleanliness, overall health and comfort of each and every animal.

And so we are attacking the problem of cancer and radiation from diverse angles in a concerted effort. The course of cancer and the effects of radiation are so complex that every possible bit of knowledge gleaned must be correlated in order to make further advances in the control and conquest of the problems.

The Cancer Research Institute is a 4½-story building which brings under one roof a program of cancer research, the control of cancer and atomic research

The Deaconess' cancer program was first started more than a quarter of a century ago with the establishment of the Palmer Memorial, one of the first hospitals with beds and outpatient facilities particularly for cancer patients.

In 1948 the cancer detection clinic was founded. Today, the Cancer Research Institute emphasizes the four essential elements in the fight against that disease — diagnosis, care of the sick patient, control of cancer and pure research. Usually a cancer research project of such proportions is carried on in the medical schools of large universities rather than in connection with a private hospital. But as specialization focused on the care of the cancer patient, it became apparent to the staff that correlation of diagnosis, care, control and research is the logical development in a comprehensive cancer program.

The modern facilities and extensive equipment of the Institute, including a Scientific Library, are used for a versatile research program in biological chemistry, biophysics, biostatistics, experimental pathology, hematology, radiobiology and X-ray diffraction.

One of the outstanding features of CRI is its special facilities for atomic research and the utilization of radioactive isotopes as tracers in localizing the cancer and its treatment.

The Elliott P. Joslin Auditorium in the CRI building honors Dr. Joslin, Physician-in-Chief Emeritus of the New England Deaconess Hospital and one of the world's leading authorities on diabetes.

The fourth floor and part of a fifth were completed in 1959 to provide more room for basic research and more flexibility in the use of animal facilities, doubling the animal population from 2500 to 5000.